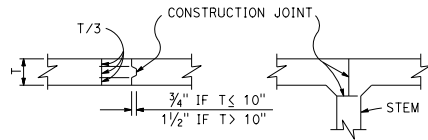


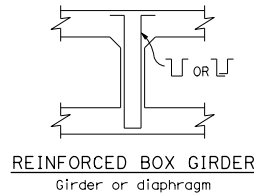
**ALTERNATIVE DECK
CONSTRUCTION JOINTS**



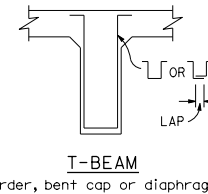
BRIDGE DETAIL 5-2
Top or bottom slab

BRIDGE DETAIL 5-3

DECK CONSTRUCTION JOINTS

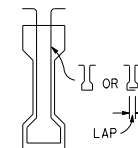


REINFORCED BOX GIRDER



T-BEAM

A reinforcement bar must be placed inside of each stirrup hook or 90° bend.

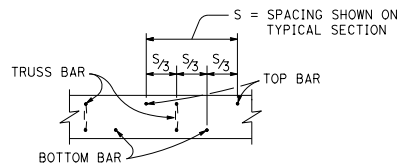


PRECAST GIRDER

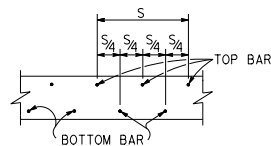
STIRRUP SIZE	LAP
#4	5"
#5	6"
#6	7 1/2"
#7	9"
#8	10"

BRIDGE DETAIL 5-5

ALTERNATIVE STIRRUPS

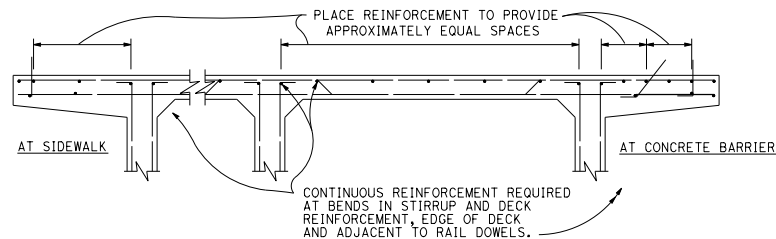


BRIDGE DETAIL 5-10



BRIDGE DETAIL 5-11

**TRANSVERSE DECK REINFORCEMENT
SPACING DIAGRAMS**



BRIDGE DETAIL 5-15
TOP GIRDER REINFORCEMENT

NOTES:

1. In simple spans, transverse joints are not permitted unless approved by the Engineer.
2. In continuous spans, transverse joints may be located at about the 1/4 point of the span.
3. Reinforcing steel shall be continuous through all construction joints.
4. Longitudinal joints shall be located at the edge of a traffic lane unless otherwise permitted by the Engineer.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS

NO SCALE

BO-5

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Peter W. Norbo
REGISTERED CIVIL ENGINEER

May 31, 2018
PLANS APPROVAL DATE

No. C57519
Exp. 12-31-19
CIVIL

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OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
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